

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1 to 6. (Canceled).

7. (Currently Amended) A fuel injector for a fuel injection system of an internal combustion engine, comprising:

a solenoid coil;
an armature acted upon in a closing direction by ~~the~~a restoring spring; and
a valve needle, which is connected to the armature by force-locking and at which a valve-closure member is formed, which forms a sealing seat together with a valve-needle surface, the armature striking against a stop face of an inner pole of the solenoid coil by way of an armature stop face, at least one of the armature stop face and the stop face having a coating, the coating having a surface structure having raised areas and recessed areas;
wherein the raised areas have a dome-shaped design.

Claim 8. (Canceled).

9. (Previously Presented) The fuel injector according to claim 7, wherein a height difference between the raised and recessed areas is dimensioned such that it is greater than a removal of the raised areas occurring as a result of loading.

10. (Previously Presented) The fuel injector according to claim 9, wherein the height difference is between 5 μm and 10 μm .

11. (Previously Presented) The fuel injector according to claim 7, wherein the coating is made of chromium.

12. (Previously Presented) The fuel injector according to claim 11, wherein the coating is made up of a plurality of chromium layers.